

# Technical Data Sheet

## CP

### General Description

- Daylight and ultra-violet responsive fluorescent pigments for water- and nonpolar solvent based formulations.
- A dyed/pigmented thermoplastic sulphonamide-melamine-paraformaldehyde resin.

### Applications

- Aqueous paper coating, water and nonpolar solvent based paints, target coating (Clay Pigeons).

### Product Features

- CP is especially developed for target coating.
- CP is easily dispersible and does not require additional grinding.
- For aqueous formulations, the use of preservatives is recommended. The right preservative package (combination of bactericides and fungicides) should provide reliable, highly effective control of microorganisms in the intended formulation.
- Limited lightfastness in exterior exposure due to the chemical structure of the fluorescent pigments.

### Standard Colors

Product Name	Description
CP-10	Chartreuse
CP-11	Green
CP-43	Orange
CP-44	Orange Red
CP-15	Red
CP-17	Pink
CP-29	Blue

### Non-Standard Colors

CP-4-1296	Orange Red
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### Packaging:

1 box = 20kg  
 1 box pallet = 250kg (25x10kg)  
 MOQ = 100kg (Standard colors)  
 MOQ = 450kg (Non-Standard colors)

### Storage & shelf life:

120 months when kept in closed original packaging in a dry place at ambient temperature.

### Safety & regulatory:

Safety Data Sheet available on request.

Physical properties		
	General	CP-29
Delivery form	Powder	Powder
Average particle size	2 – 3 µm	±3 µm
Hegman grind	4.5 – 6.5	5.5 – 6.5
Melting point	135 – 165 °C	Thermoset
Decomposition temp.	>300°C	>300°C
Specific gravity	1.38 – 1.40 g/ml	1.38 – 1.40 g/ml
Bulking value	0.25 g/ml	0.25 g/ml
Oil absorption	60	56

Test methods and Certificate of Analysis (COA) available on request.

### Processing

Heat Stability	Limited.	30min@170°C (CP-29 only)
Solvent resistance	Recommended use in water, aliphatic and some aromatic hydrocarbons.	
Pigments are insoluble and need to be dispersed (easily stir-in).		

CP pigments are designed for use at industrial sites as described in EU COMMISSION REGULATION 2023/2055 of 25 September 2023.

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